



### **APPLICATION AREAS**

- Bolts
- Screws
- Press Fits
- Pipe Threads
- Pump Sleeves





# KEY FEATURES AND BENEFITS

- No toxic heavy metals
- Ultra-fine particles
- Water and chemical resistant
- Contains no PTFE
- Prevents galling of stainless steel and aluminum assemblies
- NSF H1 Registration Number 132237
- Conforms to FDA 21 CFR 178.3570

#### PACKAGING

200g Tube 500g Brush Top

### DIRECTIONS

Treat all threaded or press-fit parts before joining to make assembly and disassembly easier. Surfaces should be free of dirt, oil, grease, etc. Apply liberally to mating surfaces.

## DESCRIPTION

Chesterton 785 FG is made of ingredients conforming to applicable FDA standards for direct or incidental food contact. It is NSF registered H1 and is suitable for use in federally inspected meat and poultry plants. It is ideal where a white, non-staining lubricant is required, including textile, and pulp and paper applications. Chesterton's 785 FG Parting Lubricant protects assembled parts against corrosive effects of moisture, steam, saltwater, temperature and corrosive chemicals. The product can be used over a broad temperature range.

## TYPICAL PHYSICAL PROPERTIES

| AppearanceWhiteTextureSoft pasteSpecific Gravity1.28 kg/lAverage Particle Size< 25 micronsExtreme Pressure (ASTM D 2596, DIN 51 530)4730 kg/cm² (67570 psi)Dropping Point (ASTM D 566, ISO 2176)<225°C (437°F)Operating Temperature-34°C to 1204°C (-30°F to 2200°F)Coeffecient of Friction "K" Factor0.19Coeffecient of Friction "K" Factor (ASTM D 2266) 40kgf,<br>1200rpm0.15Copper Corrosion (ASTM D 130, DIN 51 811) 100°C (212°F)NonePenetration (ASTM D 217, ISO 2137) mm/10<br>Worked<br>Unworked370 mm<br>360 mm |   |                                   |
|---|---|-----------------------------------|
| Specific Gravity1.28 kg/lAverage Particle Size< 25 microns  | Appearance  | White                             |
| Average Particle Size < 25 microns  | Texture   | Soft paste                        |
| Extreme Pressure (ASTM D 2596, DIN 51 530)   4730 kg/cm² (67570 psi)     Dropping Point (ASTM D 566, ISO 2176)   <225°C (437°F)   | Specific Gravity  | 1.28 kg/l                         |
| Dropping Point (ASTM D 566, ISO 2176)<225°C (437°F)Operating Temperature-34°C to 1204°C (-30°F to 2200°F)Coeffecient of Friction "K" Factor0.19Coeffecient of Friction "K" Factor (ASTM D 2266) 40kgf,<br>1200rpm0.15Copper Corrosion (ASTM D 130, DIN 51 811) 100°C (212°F)NonePenetration (ASTM D 217, ISO 2137) mm/10<br>Worked370 mm  | Average Particle Size                                   | < 25 microns                      |
| Operating Temperature -34°C to 1204°C (-30°F to 2200°F)   Coeffecient of Friction "K" Factor 0.19   Coeffecient of Friction "K" Factor (ASTM D 2266) 40kgf, 0.15   Copper Corrosion (ASTM D 130, DIN 51 811) 100°C (212°F) None   Penetration (ASTM D 217, ISO 2137) mm/10 370 mm   | Extreme Pressure (ASTM D 2596, DIN 51 530)              | 4730 kg/cm² (67570 psi)           |
| Coeffecient of Friction "K" Factor 0.19   Coeffecient of Friction "K" Factor (ASTM D 2266) 40kgf, 0.15   1200rpm 0.15   Copper Corrosion (ASTM D 130, DIN 51 811) 100°C (212°F) None   Penetration (ASTM D 217, ISO 2137) mm/10 370 mm  | Dropping Point (ASTM D 566, ISO 2176)                   | <225°C (437°F)                    |
| Coeffecient of Friction "K" Factor (ASTM D 2266) 40kgf,<br>1200rpm0.15Copper Corrosion (ASTM D 130, DIN 51 811) 100°C (212°F)NonePenetration (ASTM D 217, ISO 2137) mm/10<br>Worked370 mm   | Operating Temperature                                   | -34°C to 1204°C (-30°F to 2200°F) |
| 1200rpm   0.15     Copper Corrosion (ASTM D 130, DIN 51 811) 100°C (212°F)   None     Penetration (ASTM D 217, ISO 2137) mm/10   370 mm   | Coeffecient of Friction "K" Factor                      | 0.19                              |
| Penetration (ASTM D 217, ISO 2137) mm/10<br>Worked 370 mm   |   | 0.15                              |
| Worked 370 mm   | Copper Corrosion (ASTM D 130, DIN 51 811) 100°C (212°F) | None                              |
|   | Worked  |                                   |

Before using this product, please refer to Safety Data Sheet (SDS).



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